

Please type a plus sign (+) inside the

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 112025-0174

First Inventor or Application Identifier Silvano Gai et al.

Title Method and Apparatus for High-Speed Parsing of Network Messages

Express Mail Label No. EL056744883US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages 49]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) [Total Sheets 6]

4. Oath or Declaration [Total Pages 2]

a. ☒ Newly executed (original copy)

b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]

DELETION OF INVENTOR(S)

i. ☐ Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6. ☐ Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Sequence Submission

(if applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (Identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))

9. ☐ 37 C.F.R. § 3.73(b) Statement (when there is ☐ Power of Attorney an assignee)

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

14. ☐ Statement(s) ☐ Small Entity Statement filed in prior application, Status still proper and desired  
(PTO/SB/09-12)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Other:

NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application Information: Examiner

Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name Michael R. Reinemann

Address Cesari and McKenna  
30 Rows Wharf

City Boston State MA Zip Code 02110

Country U. S. A. Telephone (617) 951-2500 Fax (617) 951-3927

Name (Print/Type) Michael R. Reinemann Registration No. (Attorney/Agent) 38,280

Signature Michael R. Reinemann Date March 28, 2000

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$)  
898

## Complete If Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | not yet assigned   |
| Filing Date          | March 28, 2000     |
| First Named Inventor | Silvano Gai et al. |
| Examiner Name        | not yet assigned   |
| Group / Art Unit     | not yet assigned   |
| Attorney Docket No.  | 112025-0174        |

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

03-1237

Deposit  
Account  
Name

Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money ☐ Other Order

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code     | Fee (\$) | Fee Code | Fee (\$) | Fee Description        | Fee Paid    |
|--------------|----------|----------|----------|------------------------|-------------|
| 101          | 790      | 201      | 395      | Utility filing fee     | 690         |
| 106          | 330      | 206      | 165      | Design filing fee      |             |
| 107          | 540      | 207      | 270      | Plant filing fee       |             |
| 108          | 790      | 208      | 395      | Reissue filing fee     |             |
| 114          | 150      | 214      | 75       | Provisional filing fee |             |
| SUBTOTAL (1) |          |          |          |                        | (\$)<br>690 |

#### 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 25                 | 20**         | 5 × 18         | 90       |
| 4                  | 3**          | 1 × 78         | 78       |
| Multiple Dependent |              |                | 0        |

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description   |
|----------|----------|----------|----------|---|
| 103      | 22       | 203      | 11       | Claims in excess of 20                                    |
| 102      | 82       | 202      | 41       | Independent claims in excess of 3                         |
| 104      | 270      | 204      | 135      | Multiple dependent claim, if not paid                     |
| 109      | 82       | 209      | 41       | **Reissue independent claims over original patent         |
| 110      | 22       | 210      | 11       | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)  
168

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Description

Fee Paid

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 105      | 130      | 205      | 65       | Fee Surcharge - late filing fee or oath                                    |          |
| 127      | 50       | 227      | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139      | 130      | 139      | 130      | Non-English Specification  |          |
| 147      | 2,520    | 147      | 2,520    | For filing a request for reexamination                                     |          |
| 112      | 920      | 112      | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113      | 1,840    | 113      | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115      | 110      | 215      | 55       | Extension for reply within first month                                     |          |
| 116      | 400      | 216      | 200      | Extension for reply within second month                                    |          |
| 117      | 950      | 217      | 475      | Extension for reply within third month                                     |          |
| 118      | 1,510    | 218      | 755      | Extension for reply within fourth month                                    |          |
| 128      | 2,060    | 128      | 1,030    | Extension for reply within fifth month                                     |          |
| 119      | 310      | 219      | 155      | Notice of Appeal   |          |
| 120      | 310      | 220      | 155      | Filing a brief in support of an appeal                                     |          |
| 121      | 270      | 221      | 135      | Request for oral hearing   |          |
| 138      | 1,510    | 138      | 1,510    | Petition to institute a public use proceeding                              |          |
| 140      | 110      | 240      | 55       | Petition to revive - unavoidable   |          |
| 141      | 1,320    | 241      | 660      | Petition to revive - unintentional   |          |
| 142      | 1,320    | 242      | 660      | Utility Issue fee (or reissue)   |          |
| 143      | 450      | 243      | 225      | Design Issue fee   |          |
| 144      | 670      | 244      | 335      | Plant Issue fee  |          |
| 122      | 130      | 122      | 130      | Petitions to the Commissioner  |          |
| 123      | 50       | 123      | 50       | Petitions related to provisional applications                              |          |
| 126      | 240      | 126      | 240      | Submission of Information Disclosure Stmt                                  |          |
| 581      | 40       | 581      | 40       | Recording each patent assignment per property (times number of properties) | 40       |
| 146      | 790      | 246      | 395      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149      | 790      | 249      | 395      | For each additional invention to be examined (37 CFR 1.129(b))             |          |

Other (specify)  
Other fee (specify)

SUBTOTAL (3) (\$)  
40

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or  
Printed Name

Michael R. Reinemann

Signature

*Michael R. Reinemann*

Date

March 28, 2000

### Complete (if applicable)

Reg. Number

38,280

Deposit Account User ID



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                     |   |                            |
|-------------------------------------|---|----------------------------|
| In Re The Application of:           | ) |                            |
| Silvano Gai et al.                  | ) |                            |
|                                     | ) |                            |
| Serial No.: not yet assigned        | ) | Examiner: not yet assigned |
|                                     | ) |                            |
| Filed: March 28, 2000               | ) |                            |
|                                     | ) | Art Unit: not yet assigned |
| For: Method and Apparatus for High- | ) |                            |
| Speed Parsing of Network Messages   | ) |                            |
|                                     | ) |                            |
|                                     | ) |                            |
|                                     | ) |                            |
|                                     | ) | Cesari and McKenna, LLP    |
|                                     | ) | 30 Rowes Wharf             |
|                                     | ) | Boston, MA 02110           |
|                                     | ) | March 28, 2000             |

**EXPRESS-MAIL DEPOSIT**

"Express Mail" Mailing-Label Number: EL056744883US

The following papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231 on March 28, 2000.

|  |   |
|--|---|
| <u>X</u> Patent Application (49 pages including 25 claims) |   |
| <u>X</u> Declaration                                       | <u>X</u> Fee Transmittal Letter           |
| <u>X</u> Utility Patent Application Transmittal Letter     | <u>X</u> Assignment With Recordation Form |
|  | Cover Sheet                               |
| <u>X</u> Informal Drawings (6 sheets)                      | <u>X</u> Check for \$858.00               |
| <u>X</u> Check for \$40.00                                 |   |